

Index to Volume 76

- Activities, Sequencing, To promote active learning (275) 59
- Agar plate innoculating jig (274) 80
- Alcohol, The dehydration of (274) 92
- Alkanes, Cracking (277) 72
- Alkenes by the dehydration of alcohol (274) 92
- Aluminium. Formed by thermite reaction (275) 65
- Analogies. Understanding the nature of science (276) 15
- Animals, Children's attitudes to the use of (275) 39
- Apparatus, Low cost for tropical schools (274) 17
- Archimedes and the packet of cornflakes (274) 97
- Archimedes. The floating of a cork (275) 84
- Aromatic structure (277) 64
- Artificial respiration (276) 120
- Assessment at Key Stage 3 (274) 116
- Atomic radii (277) 117
- Badgers (274) 130
- Beam. The principle of moments (275) 82
- Behavioural problems. (275) 109
- Benzene, Structure and representation of (277) 64
- Biotechnology. Sixth form DNA technology (277) 37
- Biethics (276) 122
- Biological myths and bans (274) 79
- Biotechnology (276) 47
- Boats. Ideas for the experimenter (275) 95
- Buggies, The use of micromouse-style (275) 126
- Cannabis, Dangers of (274) 140 (276) 122 (277) 106
- Cardboard engineering - making a pump (275) 89
- Centre of gravity (275) 77
- Chaos, A simple demonstration of (276) 81
- Charge, Conservation of (276) 84
- Chemistry. Experiment in space (274) 7
- Chemistry comes alive on Merseyside (275) 115
- Chemistry, Progression in learning (276) 91
- Chemistry, Women in (274) 132
- Chemistry. A low-cost portable laboratory (276) 77
- Clubs, Science (275) 80
- Collisions. Measurement of the coefficient of restitution (274) 101
- Concept mapping (274) 120 (275) 116
- Concepts, Teaching and learning science (277) 47
- Conceptual understanding (277) 91
- Condensation bands from hydrogen explosions (275) 70 (276) 123
- Conductivity, Thermal (274) 106
- Conservation of electronic charge (276) 84
- Conservation of badgers (274) 130
- Convection in liquids (277) 84
- Cracking alkanes (277) 72
- Critical angle (274) 99 (275) 131
- Critical incidents in the science classroom (276) 41
- Crystal radio (277) 78
- Datalogging (275) 87 (276) 31, 62, 75
- Demonstration of electrodynamic chaos (276) 81
- Density. Floating objects and pressure (275) 77
- Diffraction (275) 81
- Diffusion (277) 112
- Digestion (277) 60
- Distillation (276) 75
- DNA technology (277) 37
- Dominoes, Games with (274) 98
- Dough (276) 62
- Dyes, Determination of (275) 63
- Earth, Magnetic (277) 78
- ECG, Recording an (277) 54
- Education (277) 27
- Educational theories (276) 95
- Electrodes, Oxygen evolution at (276) 67
- Electrolysis (276) 67
- Emotional problems (275) 109
- Equations, Redox (275) 74
- Equilibria, Chemical (275) 45 (276) 72
- Experiments with animals, Children's attitudes to (275) 39
- Family life, Influence of changing technology on (276) 23
- First aid and resuscitation (274) 139
- Fizzy drinks and Henry's Law (277) 61
- Floating (275) 84 (276) 82 (276) 87
- Force pump (275) 89
- Forces. Friction sled (276) 86
- Free radical reactions (274) 69
- Friction sled (276) 86
- Gas analysis (277) 62
- Gases, The behaviour of (274) 87
- GCSE, Science, before ITT? (275) 99
- Genetic engineering (276) 47
- Graduate science teachers (276) 100
- Grating, Reflection (275) 81
- Gravity. Relativity and the tides (275) 90
- Greenhouse effect (274) 140
- Habitats (277) 57
- Hazard warning labels (276) 112
- Hearing, The upper limit of (275) 130
- Heart sounds, Recording (277) 54
- Heat, Latent (277) 80
- High frequency sounds (277) 117
- High voltage transmission of electricity (277) 81
- Hydrogen explosions (275) 70 (276) 123
- Induction in a transformer (274) 140
- Industry (274) 25
- Infra-red radiation (276) 83

Innoculating, Agar plate jig for	(274) 80	Reaction time in athletics	(274) 35
Insulation. A useful thermal screen	(274) 140	Redox equations	(275) 74
Investigations. The lessons of Sc1	(277) 95	Reflectance, A novel use of	(277) 75
Iodine	(274) 57	Reflection and refraction	(277) 114, 115
Ionic and atomic radii	(277) 117	Reflection	(275) 27
Iron	(274) 25	Remote control, Television	(276) 83
IT and the future science curriculum	(275) 15	Resuscitation. Artificial respiration	(276) 120
		Rings, Newton's	(275) 131
Kenya, Satellite dishes in	(275) 92	Safety XIII How safe is your science department?	(277) 19
KS3, Assessment at	(274) 116	Safety	(277) 107
Labels, Hazard warning	(276) 112	Sand shapes	(276) 118
Laboratory, A portable	(276) 77	Satellite dishes in Kenya	(275) 92
Language and learning in the classroom	(274) 120	Sc1	(274) 125 (277) 95
Latent heat	(277) 80	School as an educational resource	(276) 114
Learning science concepts	(277) 47	Science education	(276) 7 (277) 27
Lichens as air pollution monitors	(277) 13	Science curriculum and IT	(275) 15
Light source for ray streaks	(276) 85	Self-study to teach a GCSE science course	(275) 112
Light gate	(274) 109	Sequencing activities to promote active learning	(275) 59
Light. How do we see?	(274) 113	Shareware. Types of computer programs	(275) 124
Magnetic materials	(275) 78	Shocking coil	(275) 132
Magnetic earth	(277) 78	Smoke	(277) 110
Magnetohydrodynamics	(274) 104	Software. Types of computer programs	(275) 124
Model, A polypeptide	(276) 61	Solar energy	(275) 27
Model. How long is a piece of string?	(277) 60	Solar system. The size of outer space	(277) 80
Modelling with spreadsheets for titration curves	(276) 68	Sound, The speed of	(275) 97
Modular sixth form course	(274) 138	Source for ray streaks	(276) 85
Modular GCSE science course	(275) 112	Space, Experiment in	(274) 7
Moments, The principle of	(275) 82	Space	(277) 80
Monitoring biological and chemical changes	(275) 55	Speed of sound	(275) 97
Motor, A simple	(274) 104	Spreadsheets	(274) 88 (276) 68, 72
Myths, Biological	(274) 79	Stability of a cylinder	(275) 77
		Sunset times	(275) 94
Newton's rings	(275) 131	Swimming pool chemistry teaching	(275) 45
North America, Science teacher training in	(277) 117	Synthesis of a compound	(274) 94
Nylon rope trick	(275) 72		
Orientation of a floating object	(276) 82, 87	Tea cups, Shapes in	(275) 131
Oxygen concentration, Dissolved	(277) 53	Teachers' subject knowledge	(275) 103
		Teacher training	(277) 87
Partnership in initial teacher training	(277) 87	Technology, Changing	(276) 23
pH curves	(274) 88	Thermal conductivity	(274) 106
Plant mineral	(274) 45	Thermite reaction	(275) 65
Policy. Educare	(275) 7	Tides, and Relativity	(275) 90
Pollution monitors, Using lichens as	(277) 13	Titrations	(275) 67
Polypeptide model	(276) 61	Toilet paper	(276) 115
Presidential Address	(277) 7	Transformer, The voltage induced in	(274) 140 (275) 132
Pressure, Measuring	(275) 97	Transmission of electricity at high voltage	(277) 81
Pressure	(275) 96	Trolleys and buggies	(274) 104
Pressure and floating objects	(275) 77	Turbidity determinations	(275) 55
Primary policy. Educare	(275) 7		
Progression in learning chemistry	(276) 91	Ultrasound, How safe is it?	(275) 130
Purity of beeswax	(277) 75	Understanding secondary school science	(276) 100
		Understanding of the nature of science	(276) 15
Qualitative analysis	(275) 63	Vanilla project	(275) 68
Questioning and conceptual understanding	(277) 91	Volumetric calculations	(274) 96
Radiation. Leslie's cube	(276) 89	Water projects	(276) 64
Radical, Free, reactions	(274) 69	Women in science	(274) 132
Radio, Crystal	(277) 78	Woodland	(274) 81
Radish, and plant mineral nutrition	(274) 45	Zinc iodide. Formation and decomposition	(274) 94

INDEX TO AUTHORS

Adamczyk, P	(275) 116	Hadwen, C	(275) 97	Peat, G	(277) 37
Adey, P	(276) 95	Halford, L	(277) 53	Phillips, PS	(274) 132
Ainley, D	(274) 109	Hannaker, P	(275) 63	Piper, G	(276) 89
Alsop, S	(277) 91	Harding, J	(275) 45	Poncini, L	(277) 75
Armstead, D	(275) 68	Harland, AD	(277) 60		
Auty, G	(275) 78	Harris, B	(275) 15	Raymond, CA	(276) 112
		Harris, BW	(274) 69	Riley, A	(274) 81
Bethell, G	(276) 123	Harrison, G	(277) 84	Roberts, I	(277) 62
Borrows, TP	(277) 19	Hawton, AR	(276) 120	Rodway, J	(276) 114
Boyes, E	(275) 39	Hewitson, JF	(274) 45	Rogers, L	(276) 31
Brett, M	(276) 122	Hodgetts, P	(275) 97		
Brodie, T	(277) 72	Hoggins, P	(277) 53	Sapwell, PJ	(275) 96
Brooks, C	(277) 13	Hooker, P	(276) 83	Scott, P	(277) 47
Bunyan, P	(274) 79	Huggins, M	(275) 99	Selley, NJ	(274) 94
Buyers, P	(276) 62	Hughes, P	(274) 92	Shapiro, H	(274) 140
		Hughes, S	(276) 47	Sivan, Y	(274) 96
Calder, G	(275) 112			Sizmur, S	(274) 120
Campbell, A	(274) 99	Ingham, AM	(274) 106	Soares, A	(276) 75
Cawley, MJ	(276) 68			Solomon, J	(276) 15
Chapman, BR	(277) 27	Jarvis, WH	(275) 132	Souter, N	(276) 61
Cocks, S	(275) 63	Jones, L	(274) 106	Spurgin, CB	(274) 35
Conway, R	(276) 23	Joyes, G	(275) 103	Stanisstreet, M	(275) 39
Cooksey, AD	(276) 67			Stewart, MD	(277) 117
Cookson, W	(274) 104	Kibble, B	(275) 90	Stitt, R	(276) 61
Cosgrove, F	(275) 87			Stockwell, FB	(274) 7
Coupe, RWD	(274) 138	Lauder, RM	(275) 124	Swain, PA	(274) 57
		Lawrence, I	(276) 85, 86		
Darling, JR	(275) 131	Le Quesne, E	(275) 92	Taber, KS	(276) 91
Davies, GR	(275) 81	Leach, J	(277) 47	Talbot, C	(277) 64
Davis, P	(277) 112	Leadstone, S	(277) 114	Taylor, PH	(275) 59
Davy, J	(277) 37	Lewis, Rh	(276) 84	ten Hoor, MJ	(276) 123
Denby, D	(274) 25	Lindsay, J	(277) 115	Thompson, DL	(275) 130
Dennick, R	(275) 103	Linton, JO	(274) 125	Trayner, C	(275) 126
Dolsma, K	(277) 54	Lock, R	(274) 116		
Donnelly, J	(277) 95			Vandyk, N	(275) 97
Drain, S	(275) 132				
		McCarthy, K	(276) 7	Walker, M	(277) 117
Evans, N	(275) 7	McKay, R	(274) 132	Walters, WA	(275) 77
Evans, W	(276) 84	McKeon, M	(275) 109	Ward, A	(274) 98, 104
Forster, G	(274) 139	Meunier, T	(275) 115		(275) 80, 89, 95
Foskett, RR	(275) 65	Miles, C	(276) 47		(276) 64
Foster, C	(275) 39	Millar, R	(274) 113	Watkins, P	(274) 97, 140
Friend, JN	(275) 74	Moore, JL	(274) 101		(276) 81, 115
		Mumford, C	(275) 70, 131		(277) 107, 110
Gartner, HJ	(274) 17			Watson, N	(276) 112
Giles, R	(274) 140			Watts, M	(277) 91
Glaister, P	(275) 67, 84	Niaz, M	(274) 87	Wellington, JJ	(276) 41
	(276) 72, 82, 87			Whitworth, G	(274) 113
Goodwin, AJ	(276) 100	Ogilvie, BM	(277) 7	Wild, P	(276) 62
Grant, P	(274) 80			Wood, PN	(275) 82
Green, JC	(277) 61	Packham, DE	(274) 140	Wood, A	(277) 80
Gupta, HO	(276) 77	Parkinson, J	(275) 112	Woolman, CH	(277) 78
Guyton, T	(274) 88				

Index to advertisers

	page		page
British Physics Olympiad	74	Labcaire	36
C & D (Scientific Instruments)	12	Learning Engine	138
Cambridge University Press	2	Murray, John	1
Cochranes of Oxford	139	Portland Press	46
ESA McIntosh	118	Safelab Systems	Back cover
Griffin & George	26, 140	Sheffield University	35
Harris, Philip, Education	Inside front cover	Spiring Molymod	144
Heinemann	104	Tecomak	139
HNE David Baker Lab.	Inside back cover	Unilab	24, 25
Hogg Laboratory Supplies	52	White Electrical	144
Irwin-Desman	18		